

	Application No.	Applicant(s)	
	10/700,572	MINAKATA, HIROYUKI	
Notice of Allowability	Examiner	Art Unit	
	Mohammed Hasan	2873	
The MAILING DATE of this c mmunication appearance All claims being allowable, PROSECUTION ON THE MERITS IS herewith (or previously mailed), a Notice of Allowance (PTOL-85) NOTICE OF ALLOWABILITY IS NOT A GRANT OF PATENT RIOT of the Office or upon petition by the applicant. See 37 CFR 1.313	(OR REMAINS) CLOSED in this applied or other appropriate communication IGHTS. This application is subject to	plication. If not included n will be mailed in due course. THIS	ve
1. This communication is responsive to			
2. Mare 1 - 15.			
3. \boxtimes The drawings filed on <u>05 November 2003</u> are accepted by	the Examiner.		
 4. Acknowledgment is made of a claim for foreign priority una) All b) Some* c) None of the: 1. Certified copies of the priority documents have 2. Certified copies of the priority documents have 3. Copies of the certified copies of the priority documents have International Bureau (PCT Rule 17.2(a)). * Certified copies not received: 	e been received. e been received in Application No		
Applicant has THREE MONTHS FROM THE "MAILING DATE" noted below. Failure to timely comply will result in ABANDONN THIS THREE-MONTH PERIOD IS NOT EXTENDABLE.		complying with the requirements	
5. A SUBSTITUTE OATH OR DECLARATION must be subm INFORMAL PATENT APPLICATION (PTO-152) which give			
6. CORRECTED DRAWINGS (as "replacement sheets") mus (a) including changes required by the Notice of Draftspers 1) hereto or 2) to Paper No./Mail Date (b) including changes required by the attached Examiner's Paper No./Mail Date Paper No./Mail Date Identifying indicia such as the application number (see 37 CFR 1 each sheet. Replacement sheet(s) should be labeled as such in the	son's Patent Drawing Review (PTO s Amendment / Comment or in the C .84(c)) should be written on the drawin	Office action of ngs in the front (not the back) of	
7. DEPOSIT OF and/or INFORMATION about the deposit attached Examiner's comment regarding REQUIREMENT			
 Attachment(s) 1. ☑ Notice of References Cited (PTO-892) 2. ☐ Notice of Draftperson's Patent Drawing Review (PTO-948) 3. ☑ Information Disclosure Statements (PTO-1449 or PTO/SB/0 Paper No./Mail Date 11/5/2003 4. ☐ Examiner's Comment Regarding Requirement for Deposit of Biological Material 	6. ☐ Interview Summary Paper No./Mail Dat 98), 7. ☐ Examiner's Amendr	tè ´	
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U.S. Patent and Trademark Office PTOL-37 (Rev. 1-04) Supervisory Patent Examined Notice of Allowability Application/Control Number: 10/700,572 Page 2

Art Unit: 2873

DETAILED ACTION

Priority

1. Receipt of acknowledged of papers submitted under 35 U.S.C. 119 (a) – (d), which papers have placed of record in the file.

Oath/Declaration

2. Oath and declaration filed on 11/05/2003 is accepted.

Information Disclosure Statement

3. The prior art documents submitted by applicant in the Information Disclosure Statement filed on 11/5/2003 have all been considered and made of record (note the attached copy of form PTO – 1449).

Allowable Subject Matter

- 4. Claims 1 15 are allowed.
- 5. The following is an examiner's statement of reasons for allowance: The prior art taken either singularly or in a combination fails to anticipate or fairly suggest the

Page 3

Art Unit: 2873

Application/Control Number: 10/700,572

limitations of the independent claims, in such a manner that a rejection under 35 U.S.C. 102 or 103 would be proper. The prior art fails to teach a combination of all the claimed features as presented in independent claims 1, 10, 11, 14, and 15, for example which include, an eyepiece optical system having two lens unit, order from an intermediate – image side toward a pupil side, the first lens unit includes a negative lens, and the second lens unit includes a path-bending optical member and has a positive power as a whole and satisfies the condition: -20 < sf1<0, where sf1 is a shaping factor of the negative lens and is expressed as (r11+r12) / (r11 – r12), where r11 is a radius of curvature of an intermediate-image –side surface of the negative lens and r12 is a radius of curvature of a pupil-side surface of the negative lens and the real image mode finder optical system satisfies the following condition: 6 < le / ch< 10, where le is an eye relief of the eyepiece optical system and ch is a height of the intermediate image.

6. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The closest prior art

Moriyama (5,982,557) discloses ocular optical system for a viewfinder with variable visibility.

Ohno (6,362,924 B2) discloses a compact real image –type zoom finder having a high zoom ratio and high optical performance is provided.

Ogata (6,692,163 B2) discloses a single –lens reflex camera provided with eyepiece.

7. Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably

Application/Control Number: 10/700,572

Art Unit: 2873

accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Page 4

Conclusion

8. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mohammed Hasan whose telephone number is (571) 272-2331. The examiner can normally be reached on M-TH, 7:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Georgia Epps can be reached on (571) 272- 2328. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see http://pair-direct.uspto.gov. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

MH July 1, 2004

> Georgia CPyo Supervisory Patert Examiner Technology Center 2880